

CHANGES TO THE SPECIFICATION

Please substitute the paragraph beginning on line 27 of page 15 with the following:

A plant containing transgenic chloroplasts may be generated when the host cell used in the transformation process possesses totipotency. Procedures for regeneration of transgenic plants from transformed cells or tissues are, in general, similar, with suitable modifications within the capability of one skilled in the art. Regeneration of ~~dicots~~ dicots such as sugar beets, Freytag et al. Plant Cell Rep. (1988) 7:30-34; tobacco, Svab et al. Proc. Nat'l Acad. Sci. U.S. A. (1990) 8526-8530 or monocots such as wheat from anthers or embryos (see below) routinely has been successful.

Please substitute the paragraph beginning on line 35, page 16 and bridging to page 17 with the following:

Once the chloroplast has been shown to have been transformed, the cells of the plant may be used repeatedly for tissue culture, followed by a growth of callus tissue ~~were where~~ desired or regeneration of a plant. Thus, the modified plant cell may be repetitively regenerated by use of cell and tissue culture. In some instances, proper propagation may be maintained from seed.